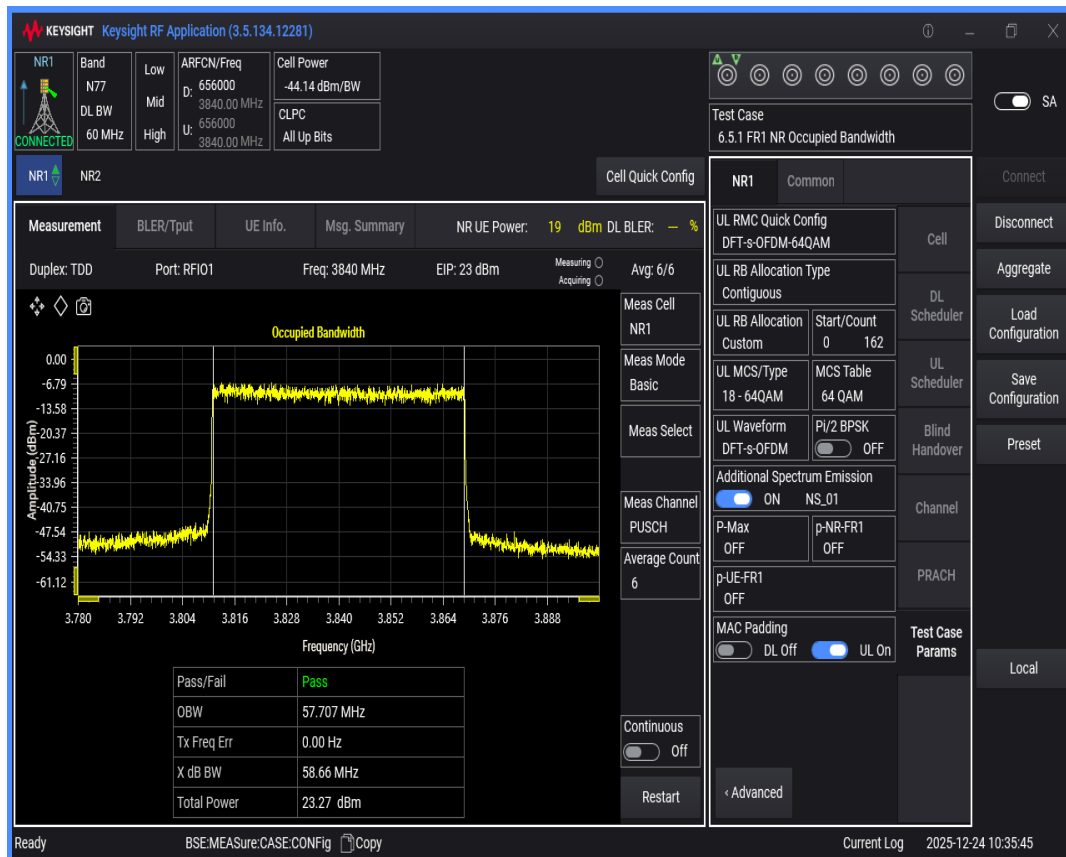




***n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=656000 RB=216@0***



***n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=656000 RB=240@0***



***n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0***



***n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=24@0***



***n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=656000 RB=50@0***



***n77(3700-3980) SCS=30kHz DFT\_QPSK BW=30MHz Channel=656000 RB=75@0***



***n77(3700-3980) SCS=30kHz DFT\_QPSK BW=40MHz Channel=656000 RB=100@0***



***n77(3700-3980) SCS=30kHz DFT\_QPSK BW=50MHz Channel=656000 RB=128@0***



***n77(3700-3980) SCS=30kHz DFT\_QPSK BW=60MHz Channel=656000 RB=162@0***



***n77(3700-3980) SCS=30kHz DFT\_QPSK BW=80MHz Channel=656000 RB=216@0***



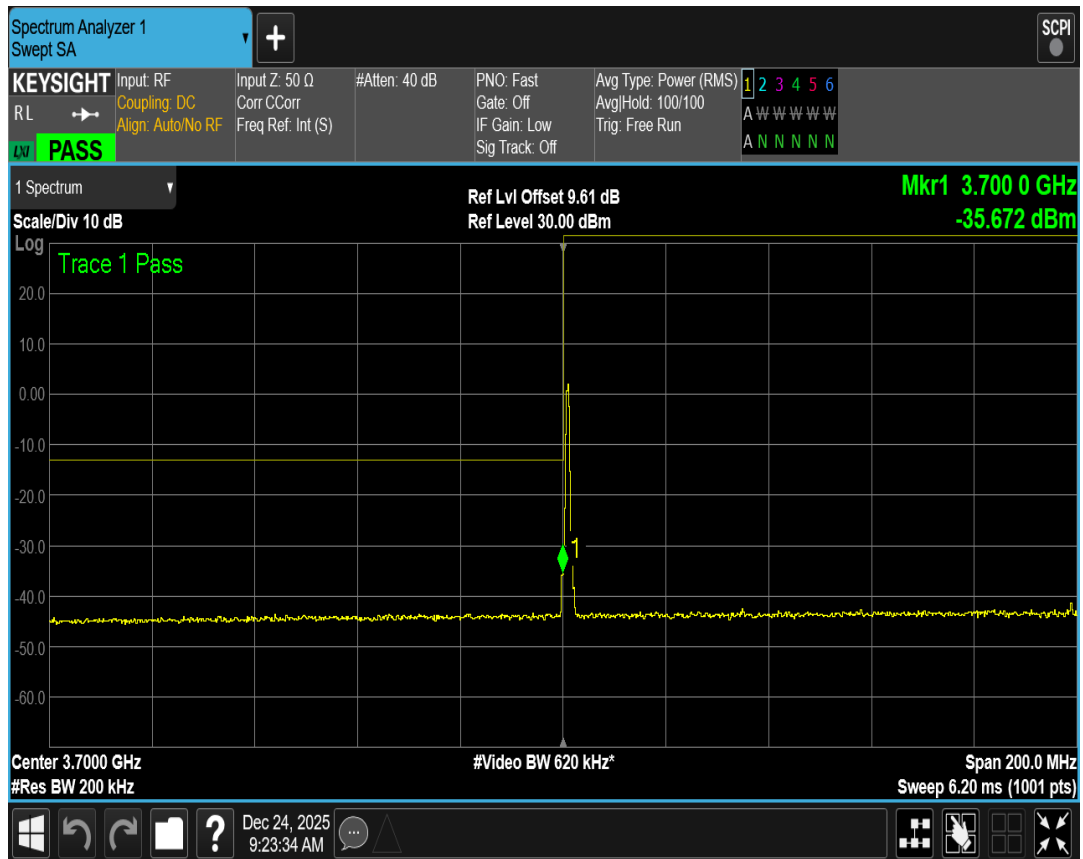
*n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=656000 RB=240@0*



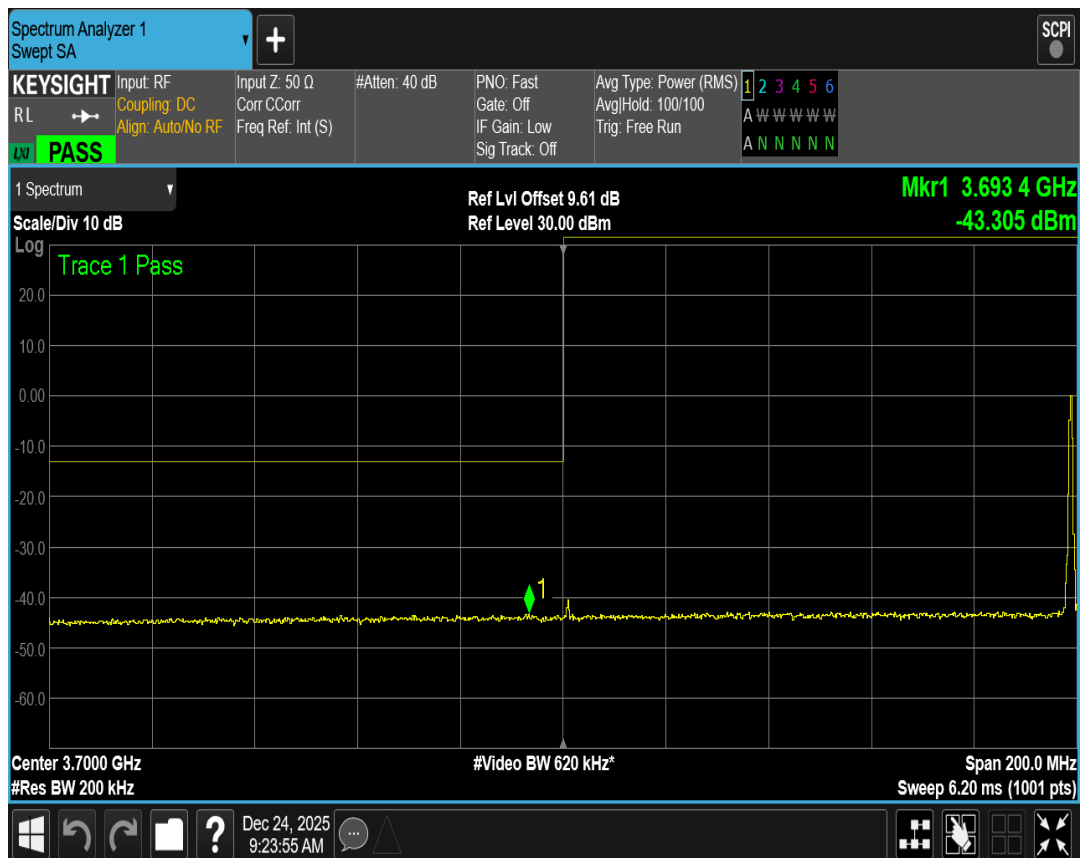
## 5 Band edge for NR FR1

| <i>Band</i>    | <i>SCS<br/>(kHz)</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Allocation</i> | <i>Modulation</i> | <i>Spur<br/>Freq<br/>(MHz)</i> | <i>Spur<br/>Level<br/>(dBm)</i> | <i>Limit<br/>(dBm)</i> | <i>Verdict</i> |
|----------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|--------------------------------|---------------------------------|------------------------|----------------|
| n77(3700-3980) | 30                   | 10                         | 647000                | 24@0                     | CP_QPSK           | 3699.74                        | -43.68                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@0                      | CP_QPSK           | 3699.88                        | -32.64                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@23                     | CP_QPSK           | 3695.74                        | -43.17                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 24@0                     | CP_QPSK           | 3980.02                        | -42.09                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@0                      | CP_QPSK           | 3982.04                        | -43.70                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@23                     | CP_QPSK           | 3980.10                        | -33.63                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 133@0                    | CP_QPSK           | 3700.00                        | -37.95                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@0                      | CP_QPSK           | 3700.00                        | -42.52                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@132                    | CP_QPSK           | 3692.80                        | -43.29                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 133@0                    | CP_QPSK           | 3985.10                        | -39.74                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@0                      | CP_QPSK           | 3993.20                        | -43.87                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@132                    | CP_QPSK           | 3992.90                        | -43.77                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 273@0                    | CP_QPSK           | 3700.00                        | -31.41                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@0                      | CP_QPSK           | 3700.00                        | -35.67                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@272                    | CP_QPSK           | 3693.40                        | -43.30                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 273@0                    | CP_QPSK           | 3980.00                        | -30.28                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@0                      | CP_QPSK           | 3986.60                        | -44.21                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@272                    | CP_QPSK           | 3980.00                        | -42.63                          | -13                    | PASS           |

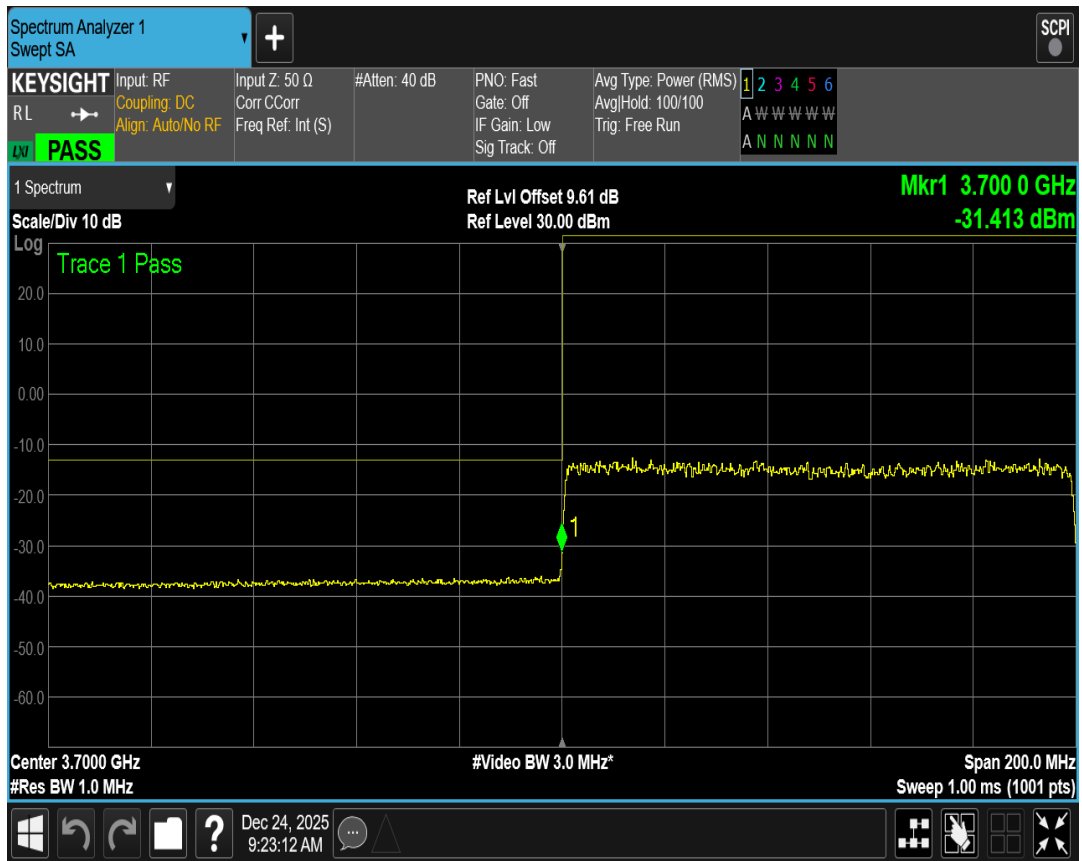
***n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@0***



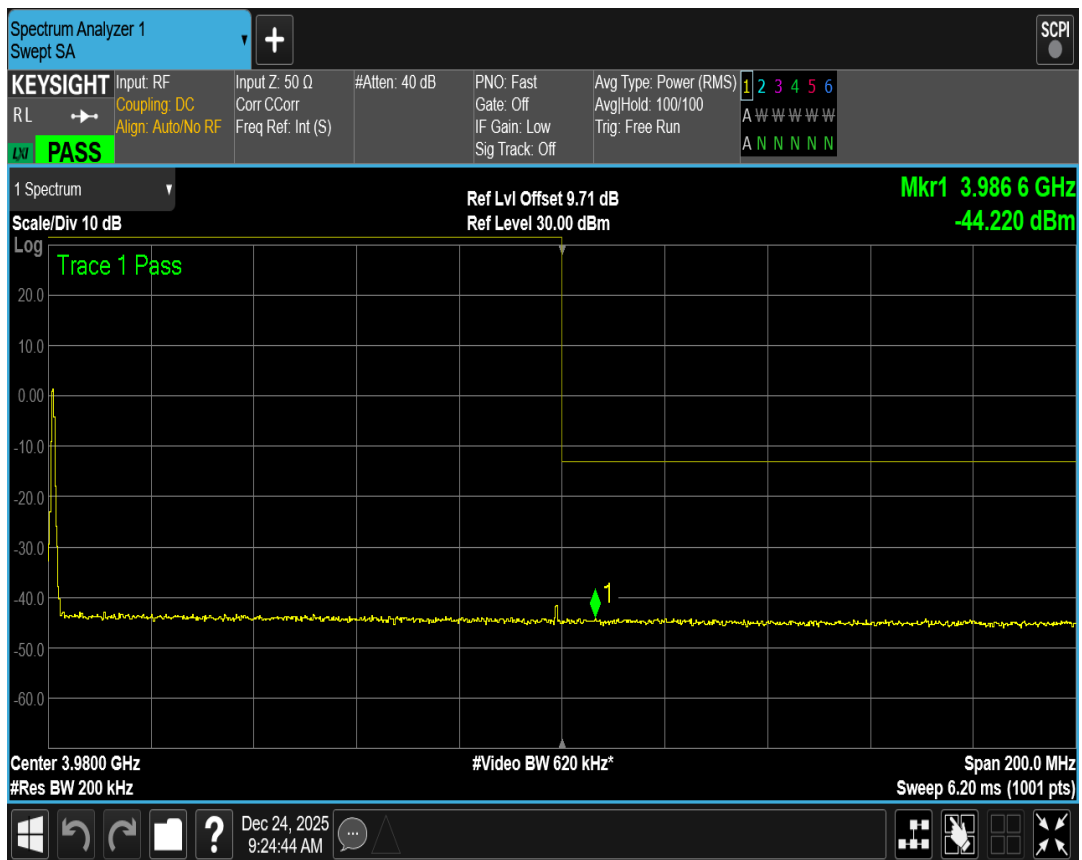
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@272*



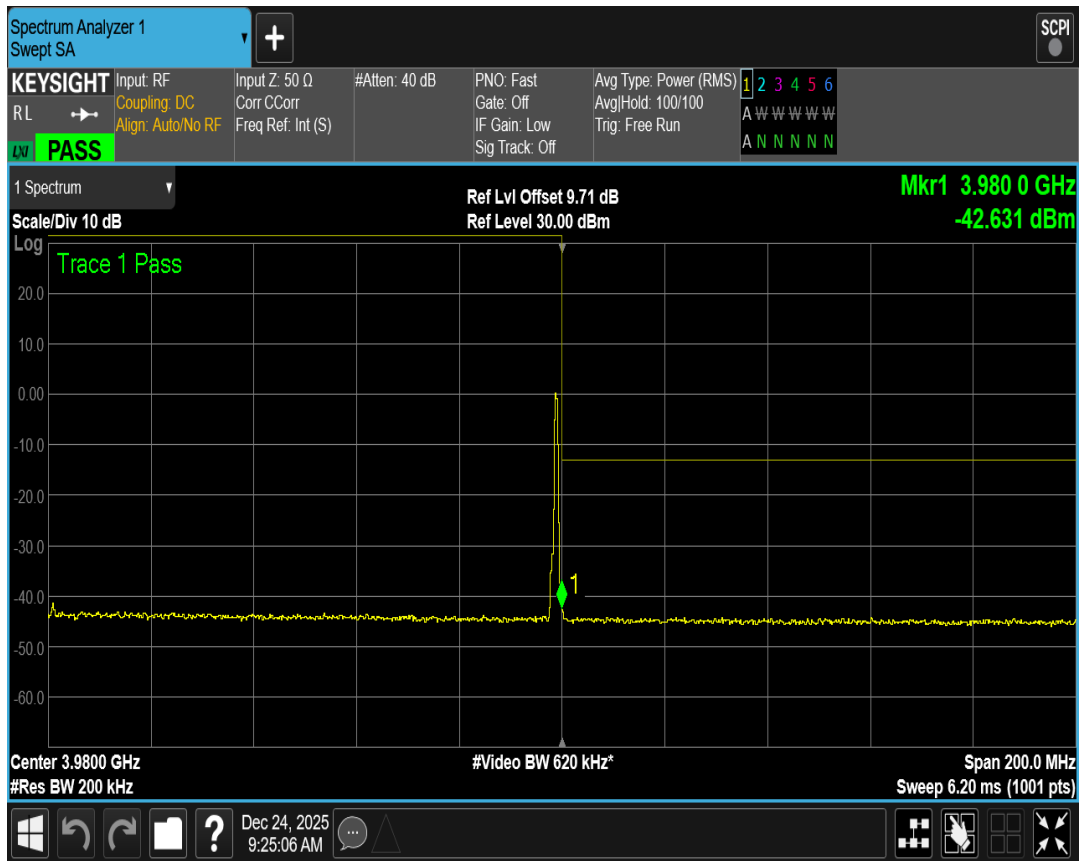
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=273@0*



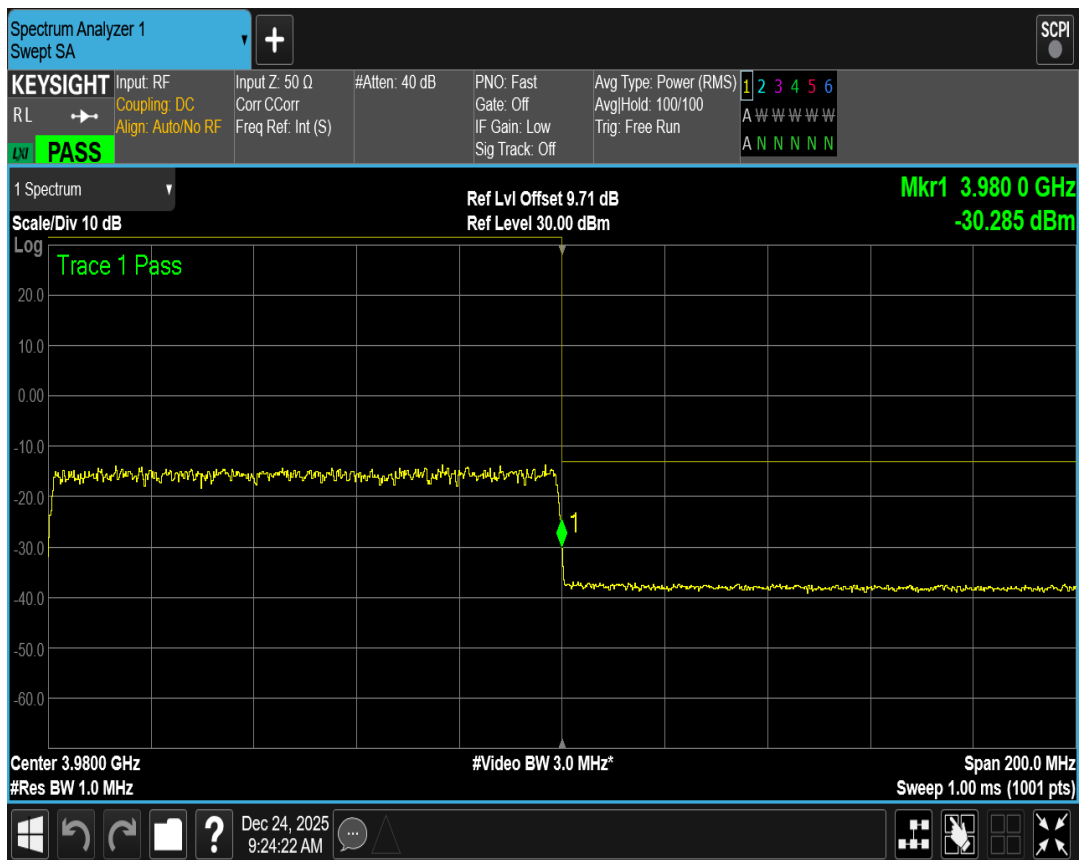
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@0*



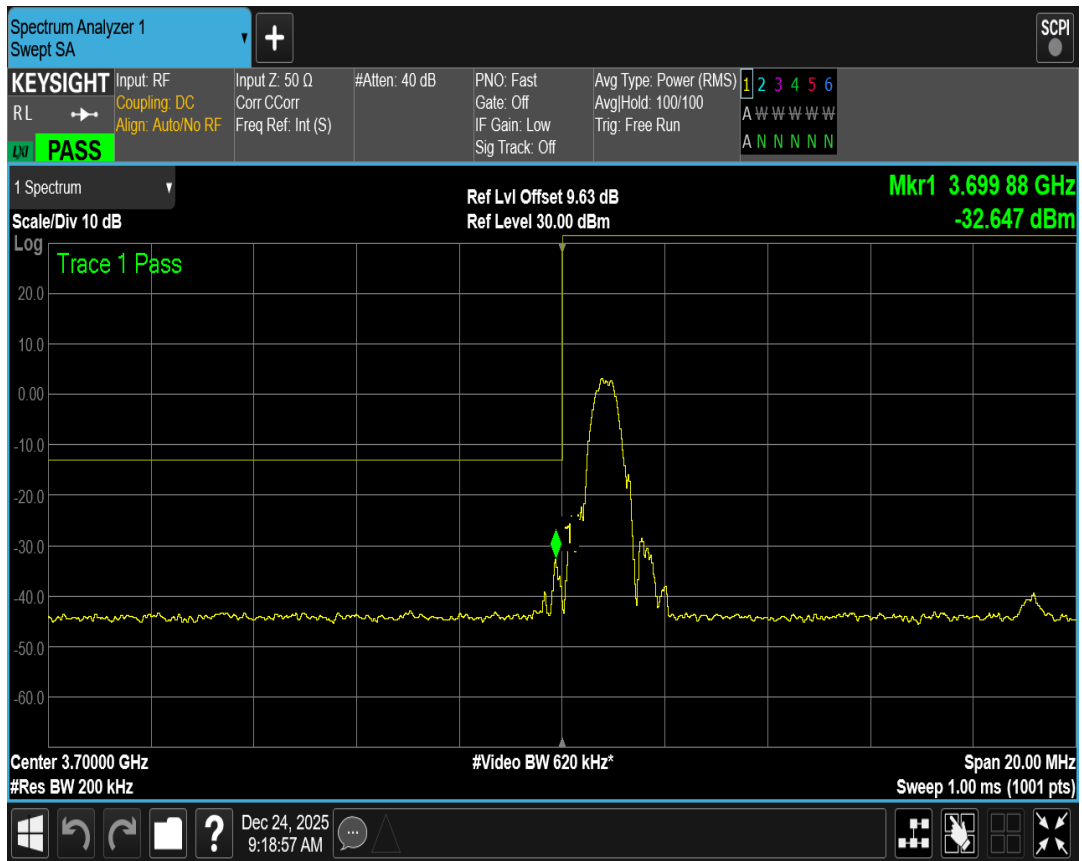
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@272*



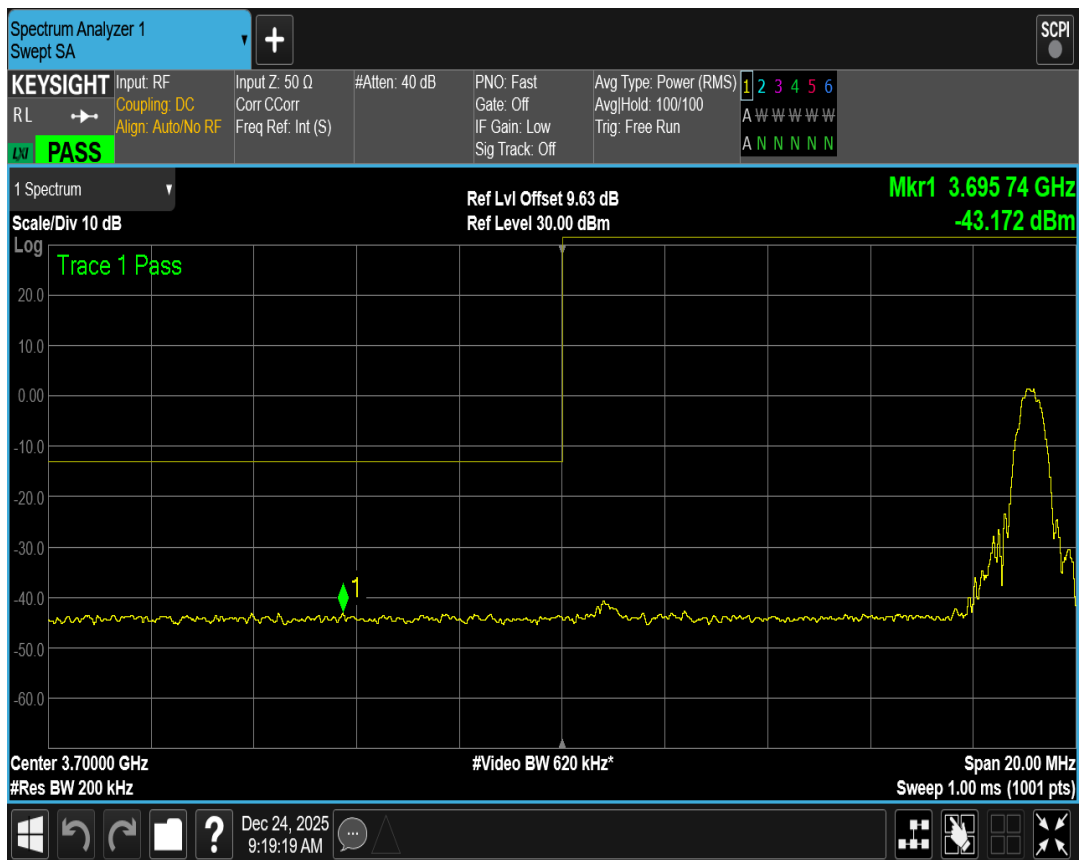
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0*



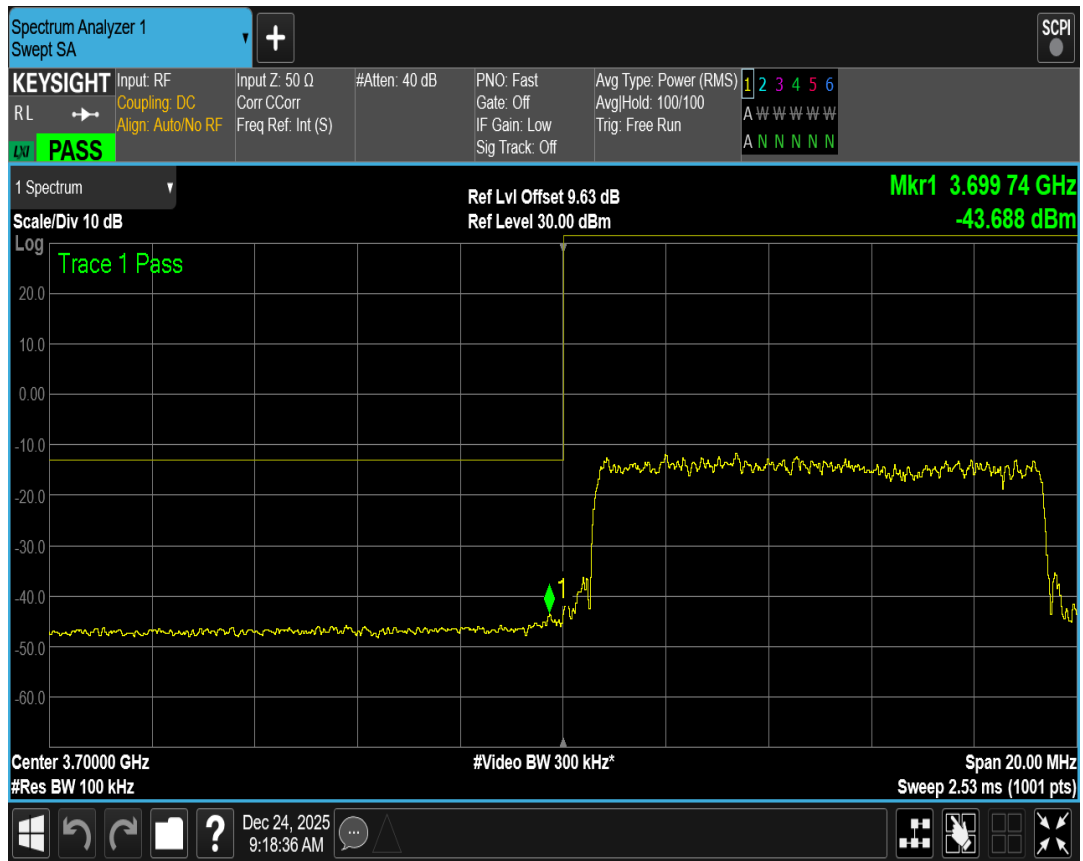
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@0*



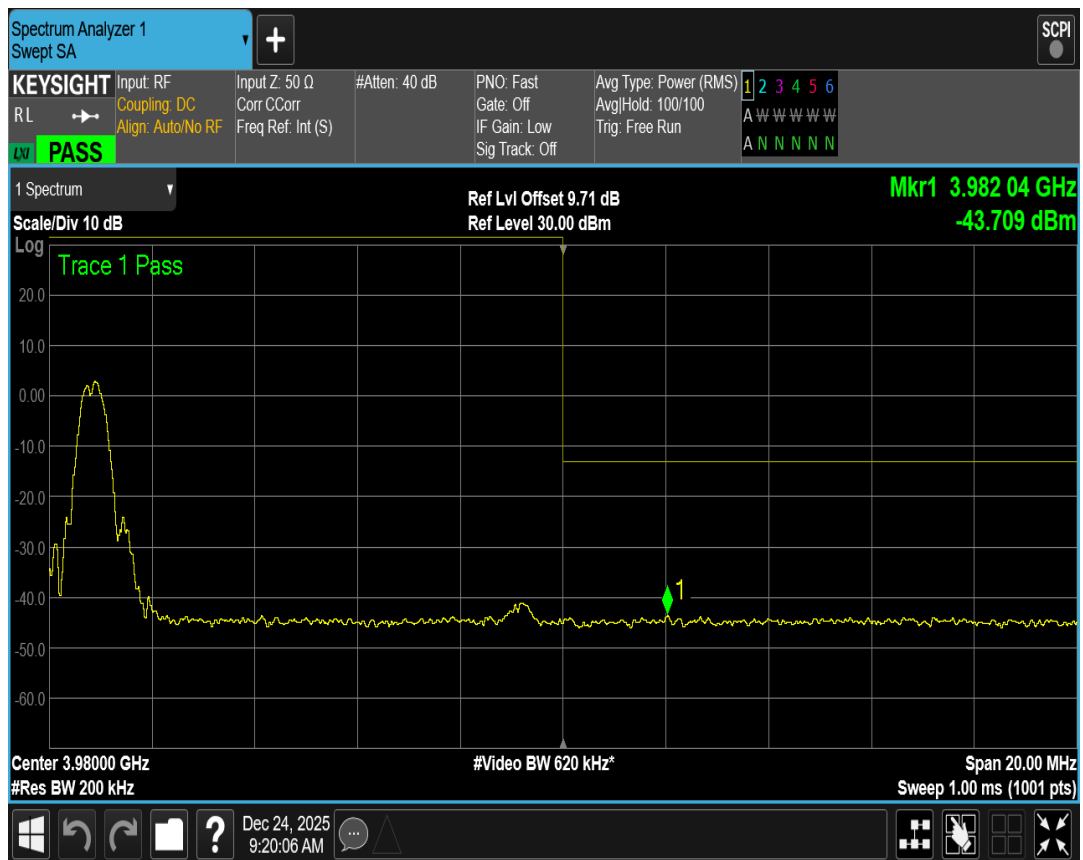
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@23*



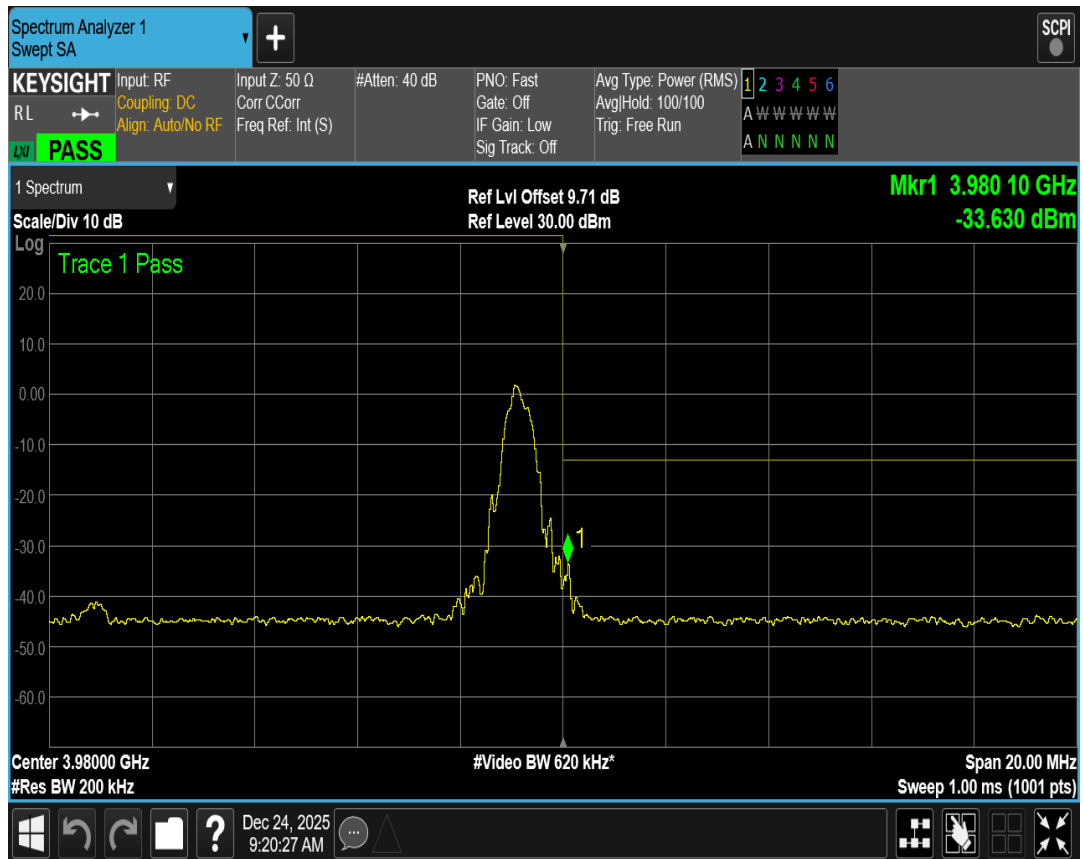
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=24@0*



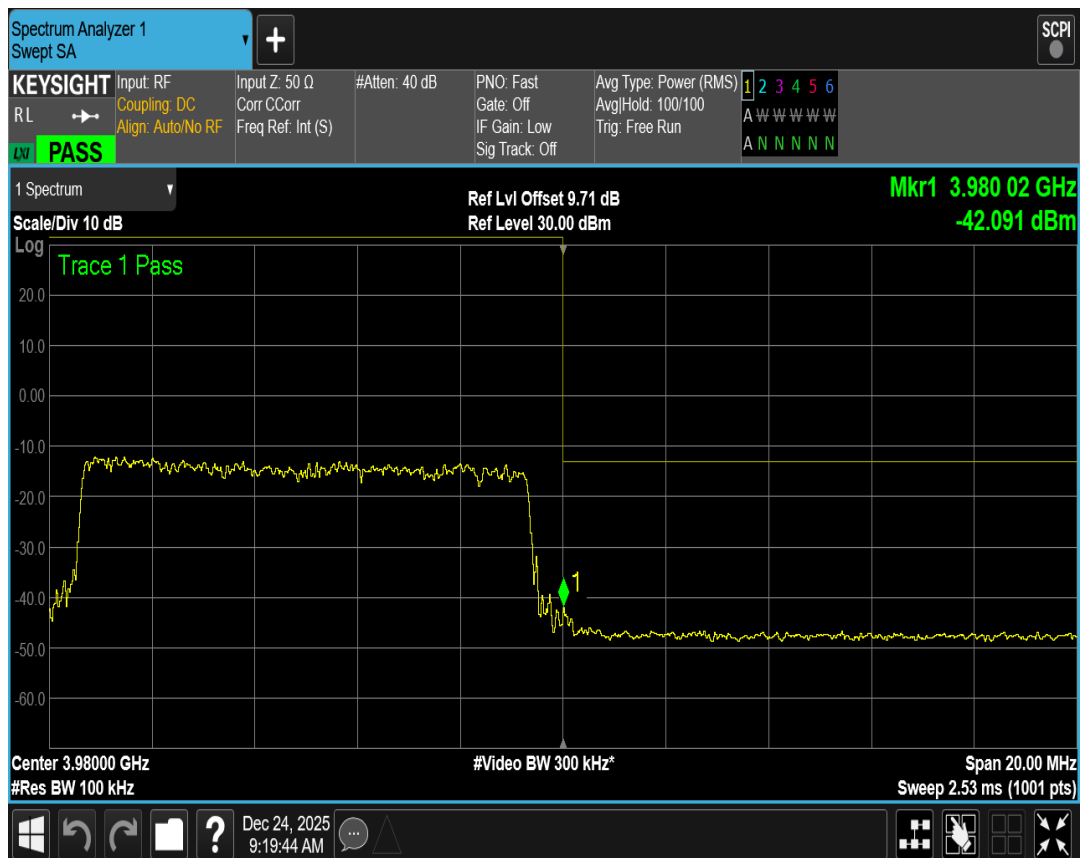
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@0*



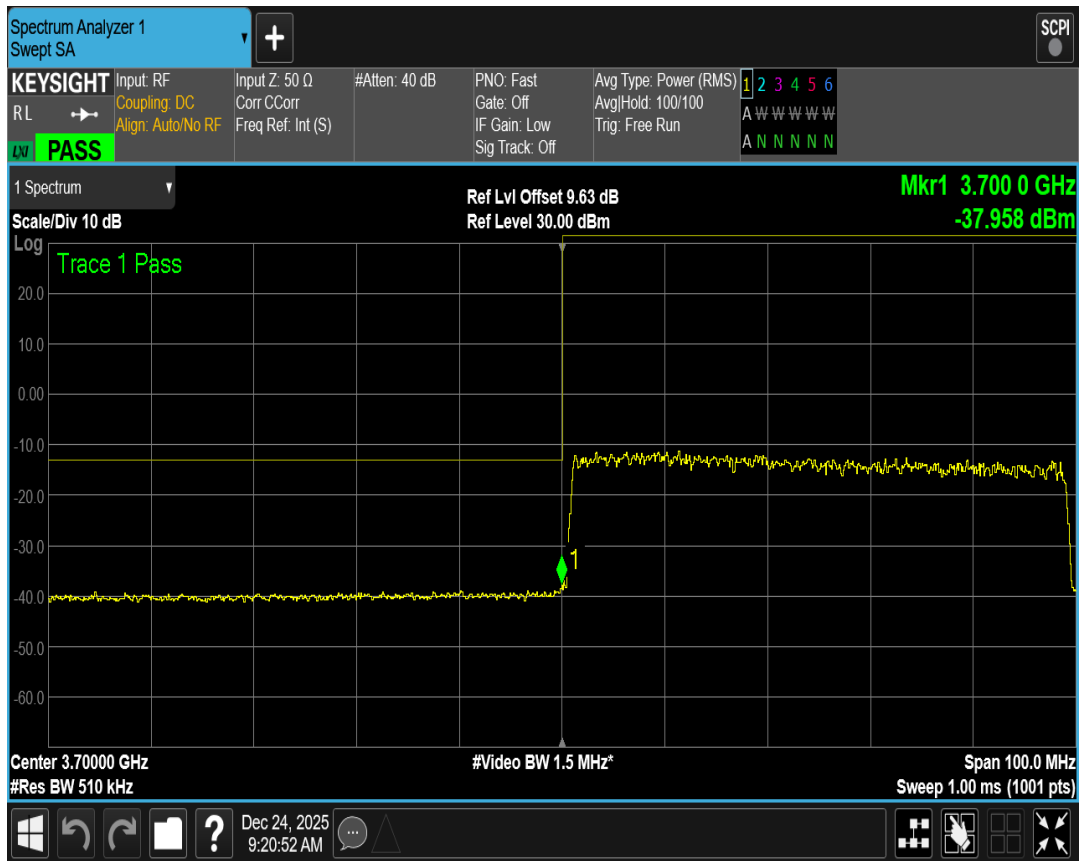
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@23*



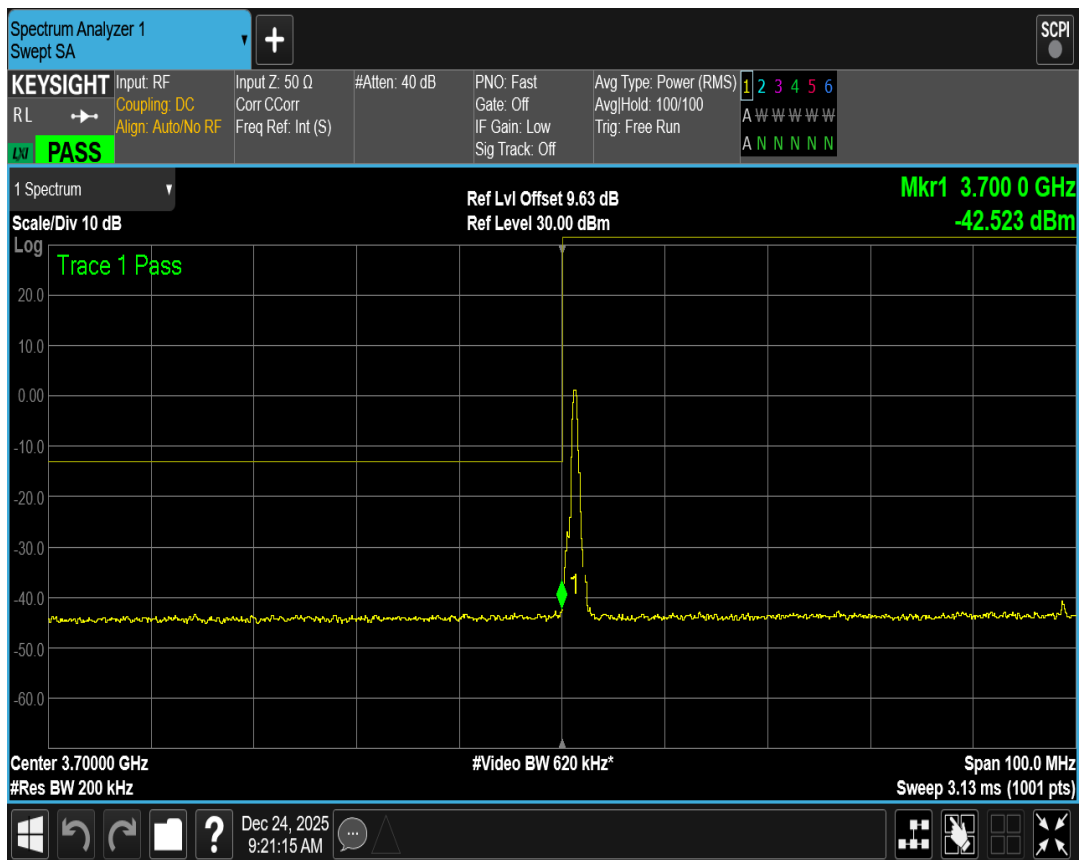
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=24@0*



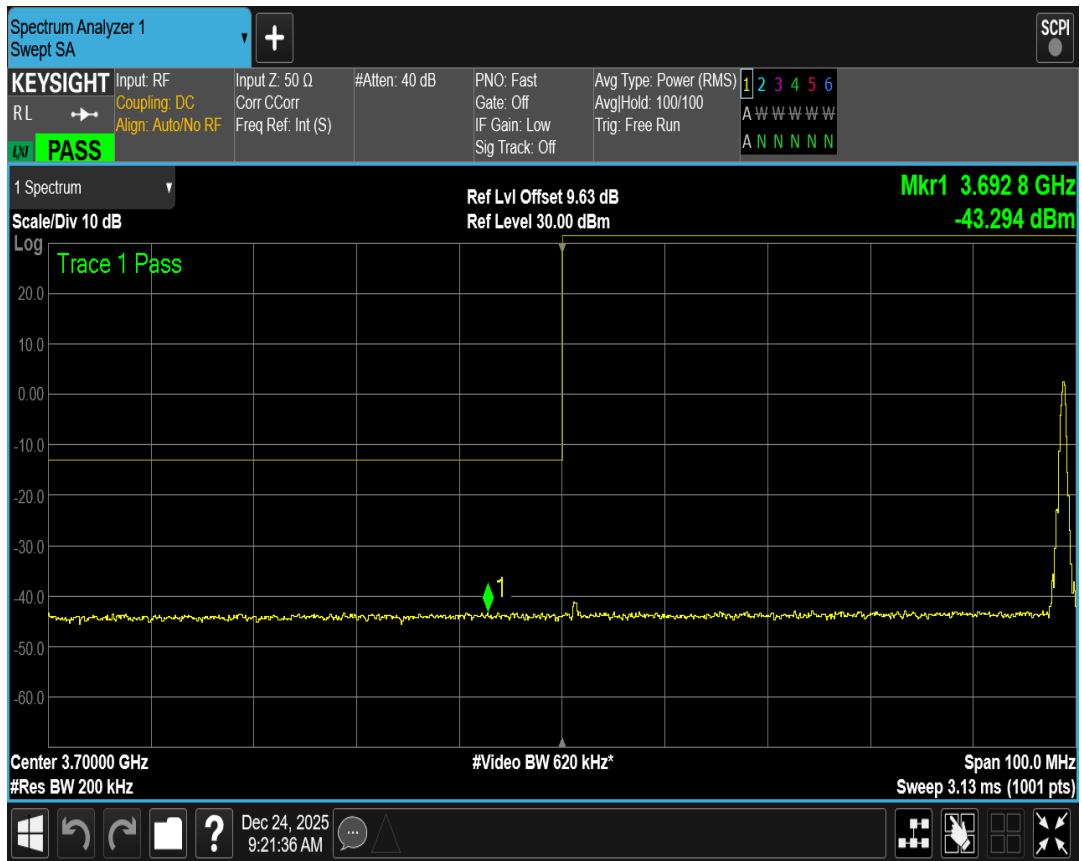
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=133@0*



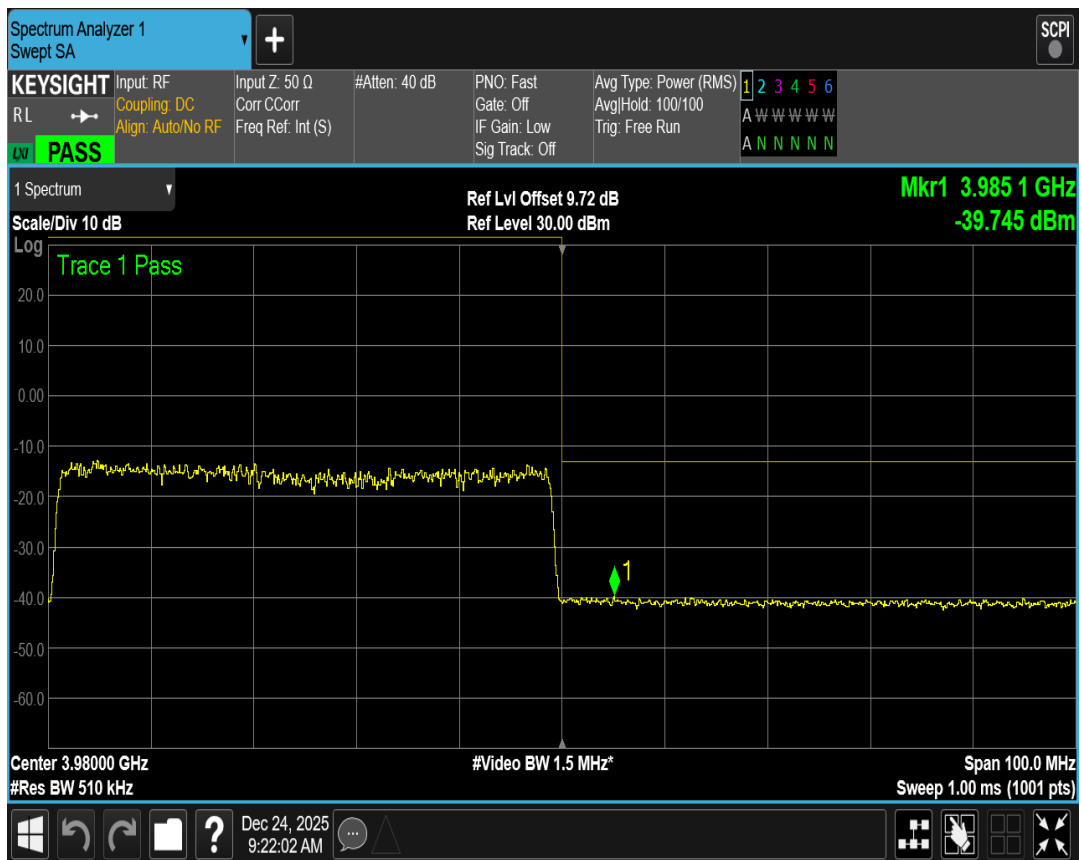
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=1@0*



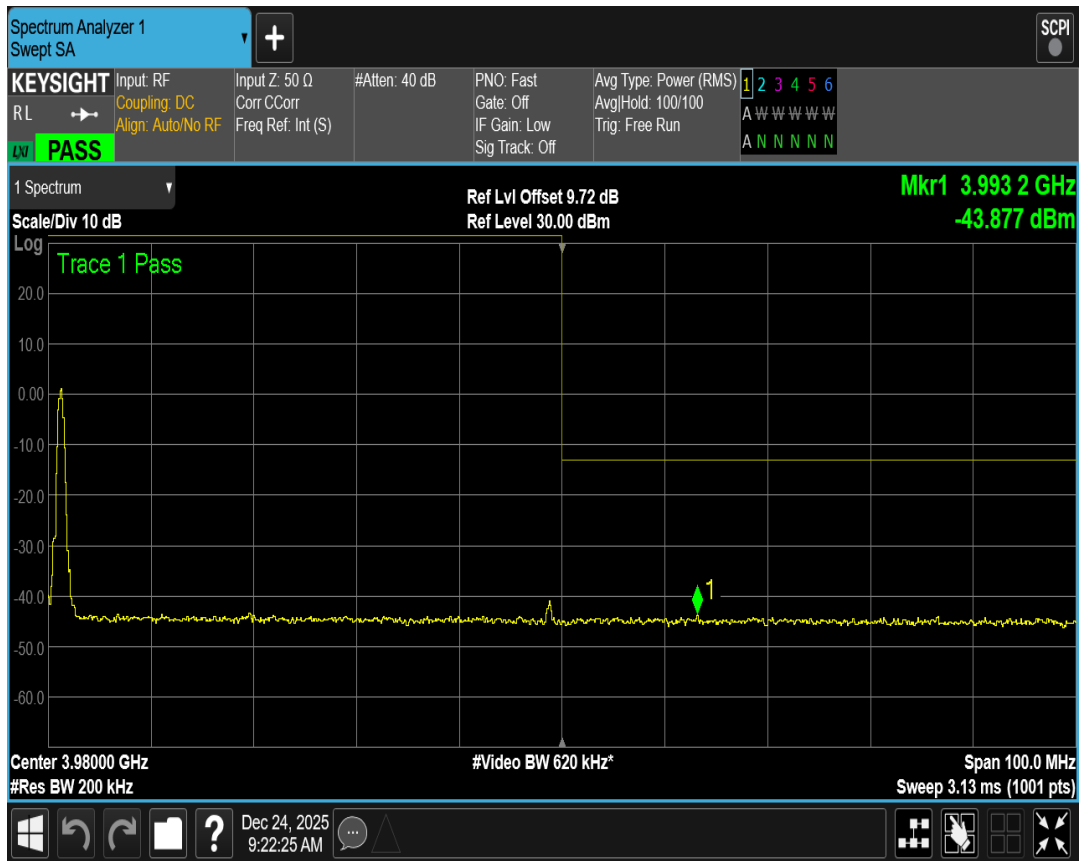
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=1@132*



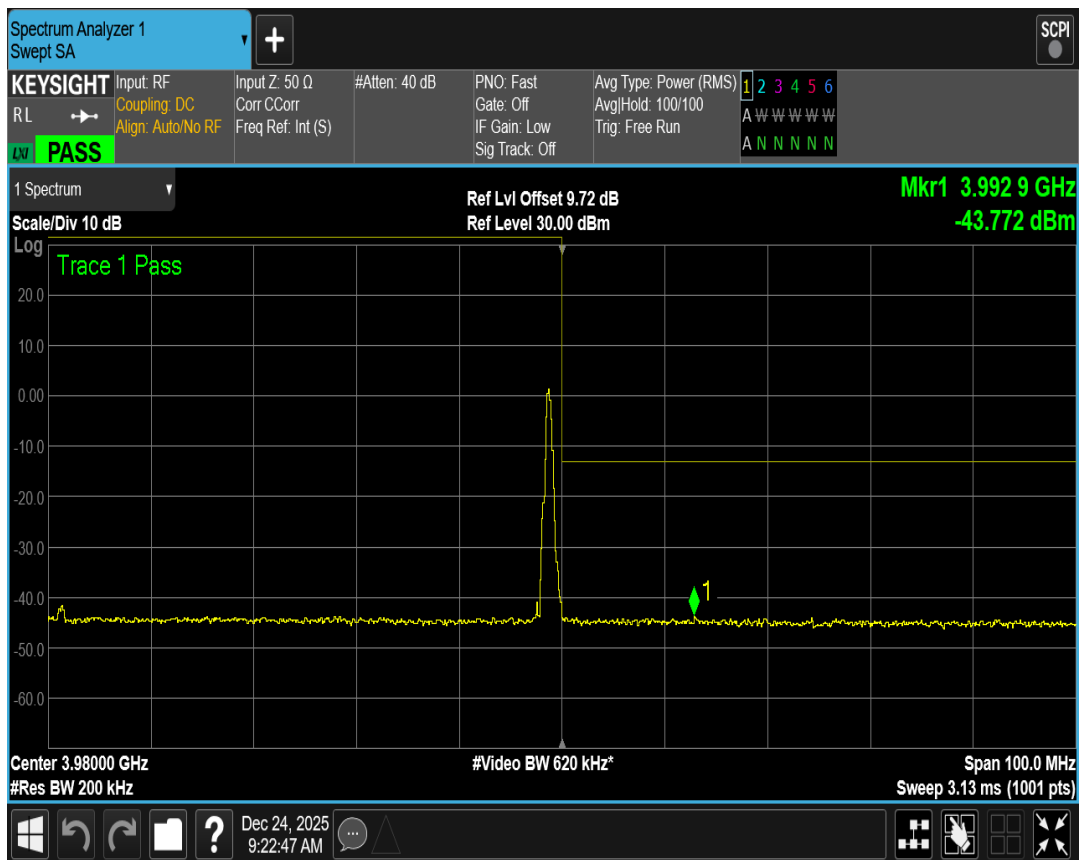
n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=133@0



n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1@0



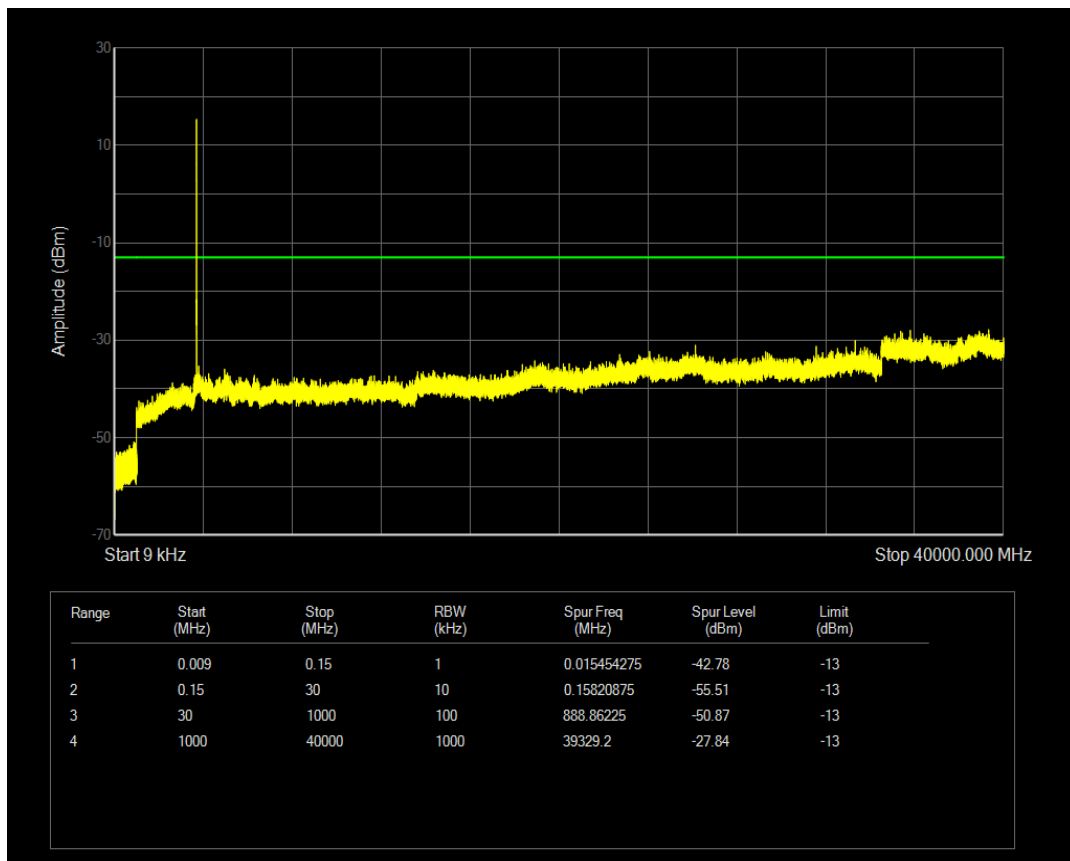
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1@132*



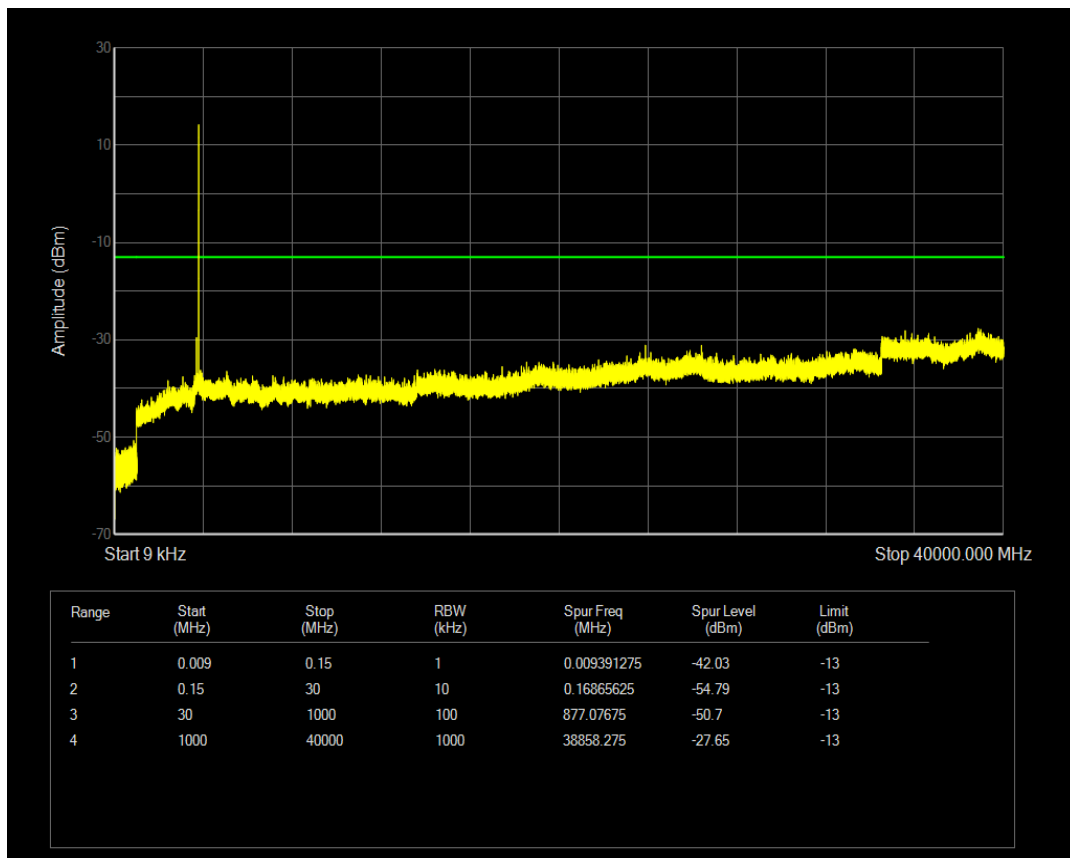
## 6 Out-of-band emissions for NR FR1

| <i>Band</i>    | <i>SCS<br/>(kHz)</i> | <i>Bandwidth<br/>(MHz)</i> | <i>UL<br/>Channel</i> | <i>RB<br/>Allocation</i> | <i>Modulation</i> | <i>Spur<br/>Freq<br/>(MHz)</i> | <i>Spur<br/>Level<br/>(dBm)</i> | <i>Limit<br/>(dBm)</i> | <i>Verdict</i> |
|----------------|----------------------|----------------------------|-----------------------|--------------------------|-------------------|--------------------------------|---------------------------------|------------------------|----------------|
| n77(3700-3980) | 30                   | 10                         | 647000                | 24@0                     | CP_QPSK           | 39031.83                       | -28.10                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@0                      | CP_QPSK           | 38920.68                       | -27.38                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 647000                | 1@23                     | CP_QPSK           | 39088.38                       | -27.32                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 24@0                     | CP_QPSK           | 34517.58                       | -27.52                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@0                      | CP_QPSK           | 39073.75                       | -27.04                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 10                         | 665000                | 1@23                     | CP_QPSK           | 39394.53                       | -27.58                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 133@0                    | CP_QPSK           | 38930.43                       | -27.60                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@0                      | CP_QPSK           | 38912.88                       | -27.99                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 648334                | 1@132                    | CP_QPSK           | 38868.03                       | -27.54                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 133@0                    | CP_QPSK           | 38830.98                       | -26.80                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@0                      | CP_QPSK           | 38869.98                       | -27.60                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 50                         | 663666                | 1@132                    | CP_QPSK           | 39439.38                       | -27.61                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 273@0                    | CP_QPSK           | 38752.00                       | -28.02                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@0                      | CP_QPSK           | 39329.20                       | -27.84                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 650000                | 1@272                    | CP_QPSK           | 38858.28                       | -27.65                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 273@0                    | CP_QPSK           | 38890.45                       | -26.75                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@0                      | CP_QPSK           | 38873.88                       | -27.37                          | -13                    | PASS           |
| n77(3700-3980) | 30                   | 100                        | 662000                | 1@272                    | CP_QPSK           | 36538.75                       | -27.64                          | -13                    | PASS           |

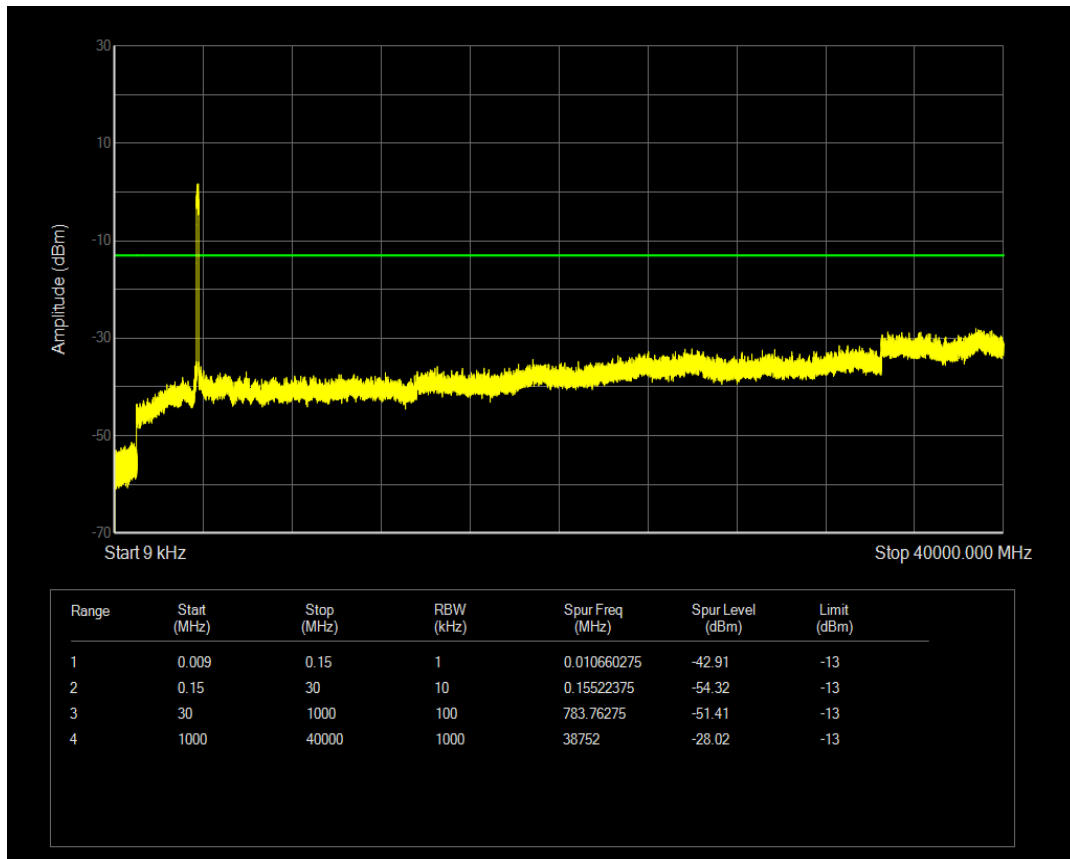
***n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@0***



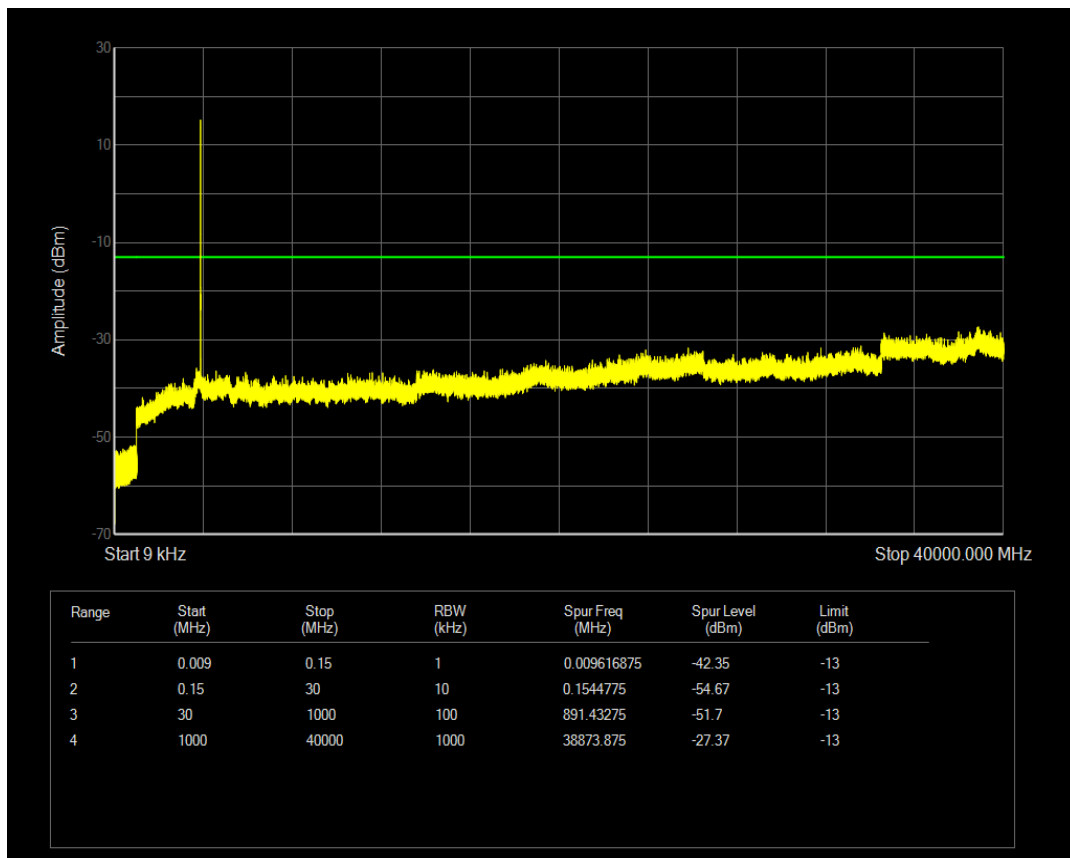
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=1@272*



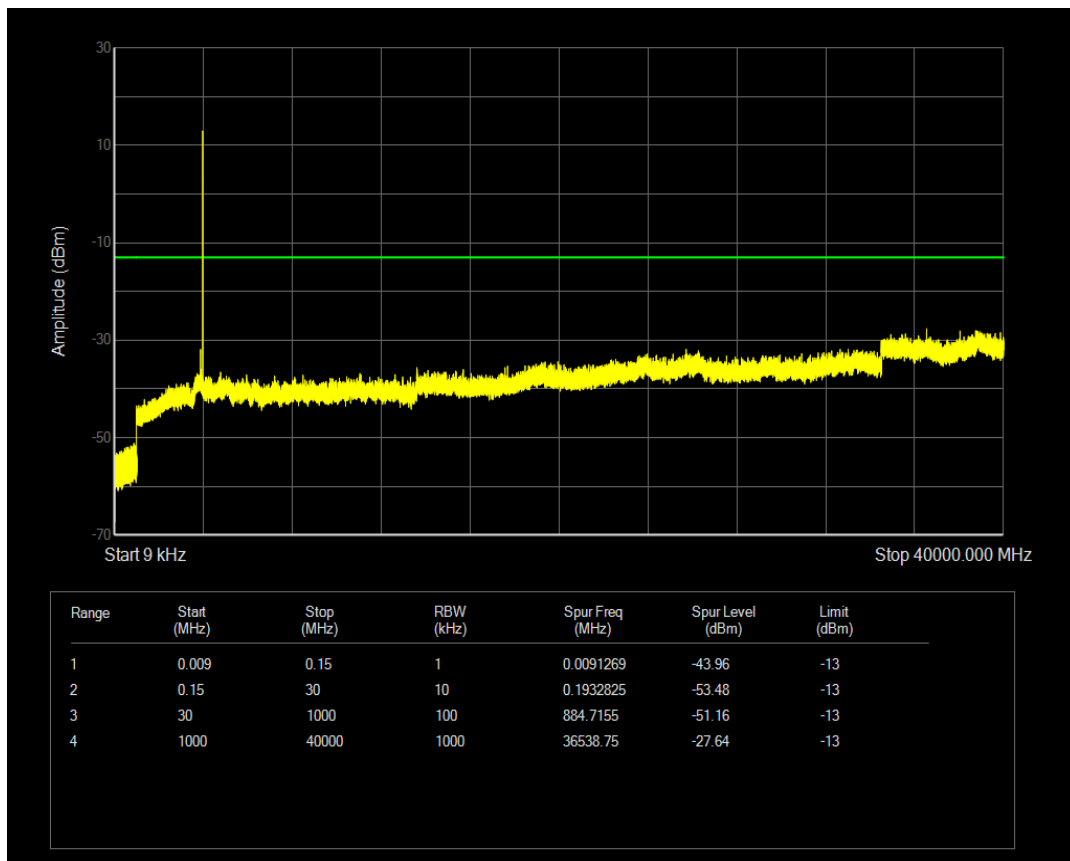
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=650000 RB=273@0*



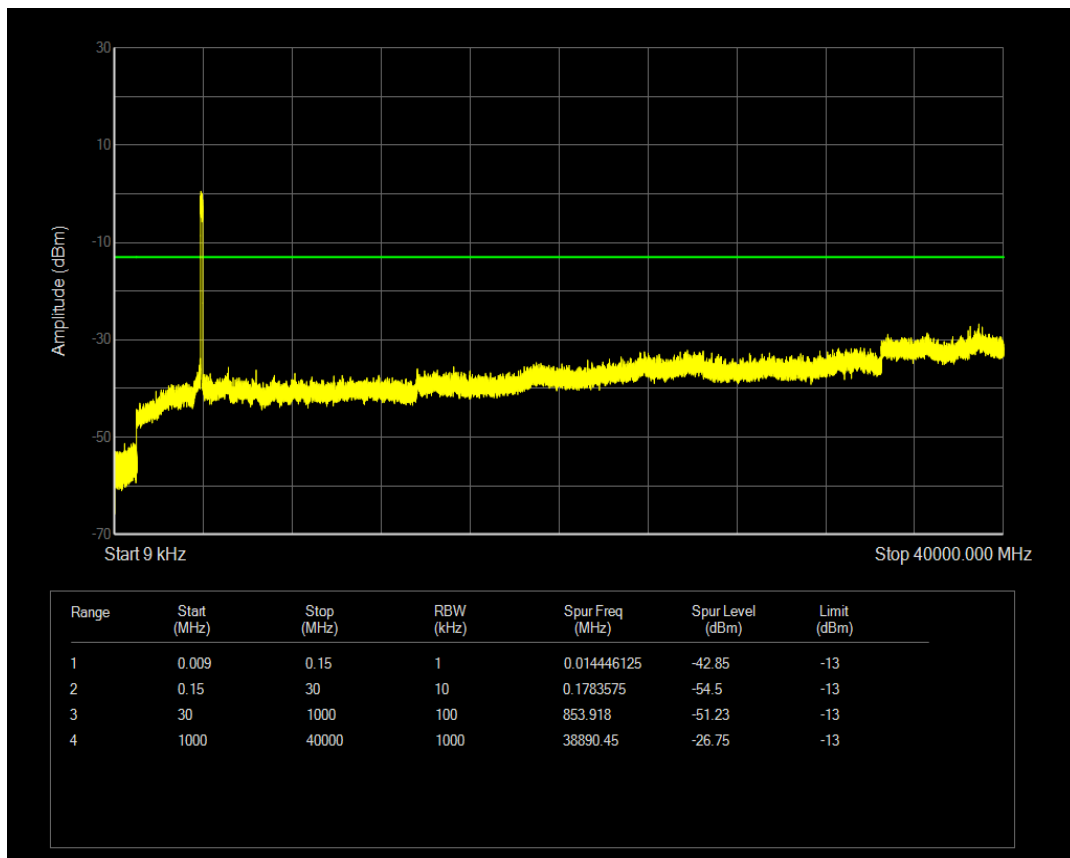
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@0*



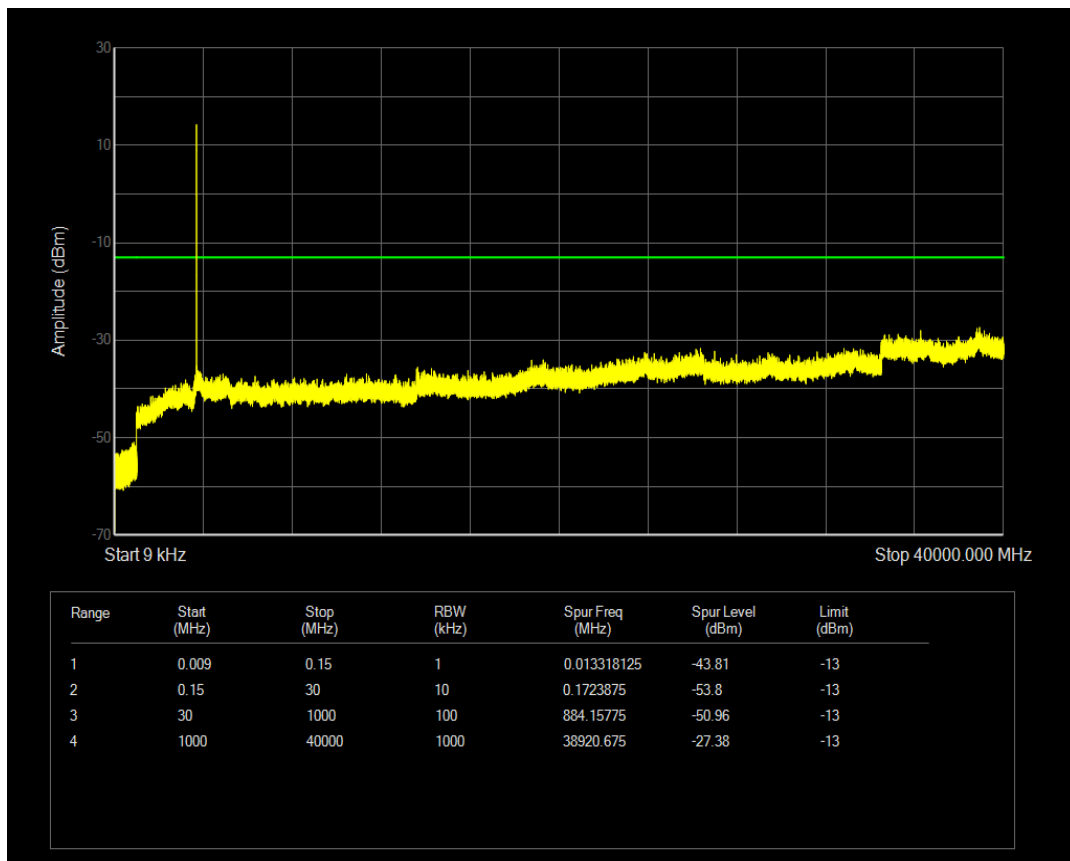
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=1@272*



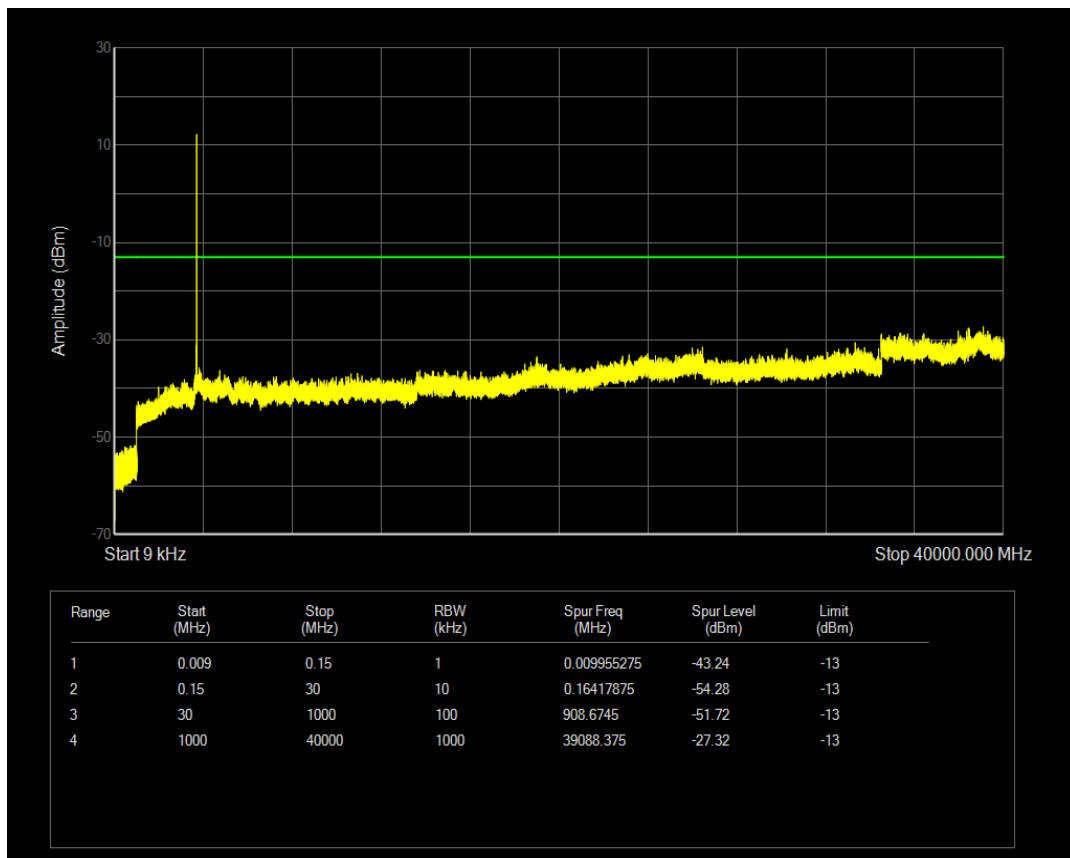
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=100MHz Channel=662000 RB=273@0*



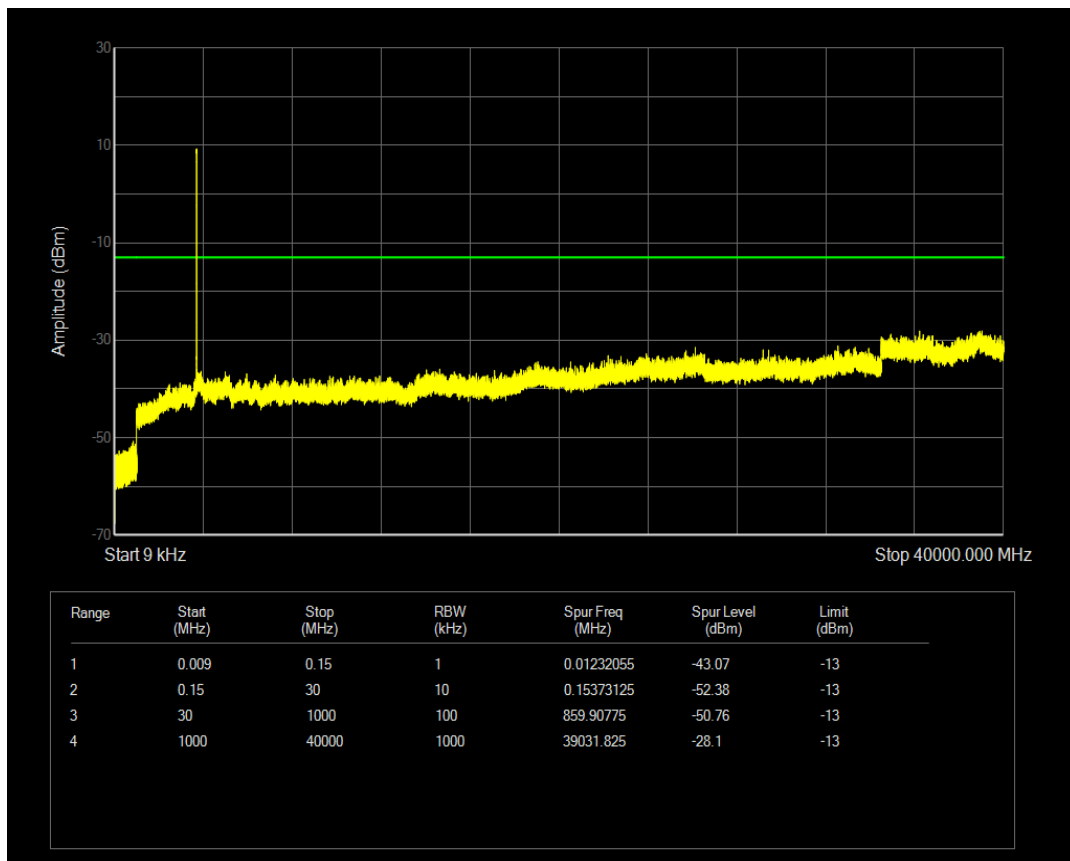
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@0*



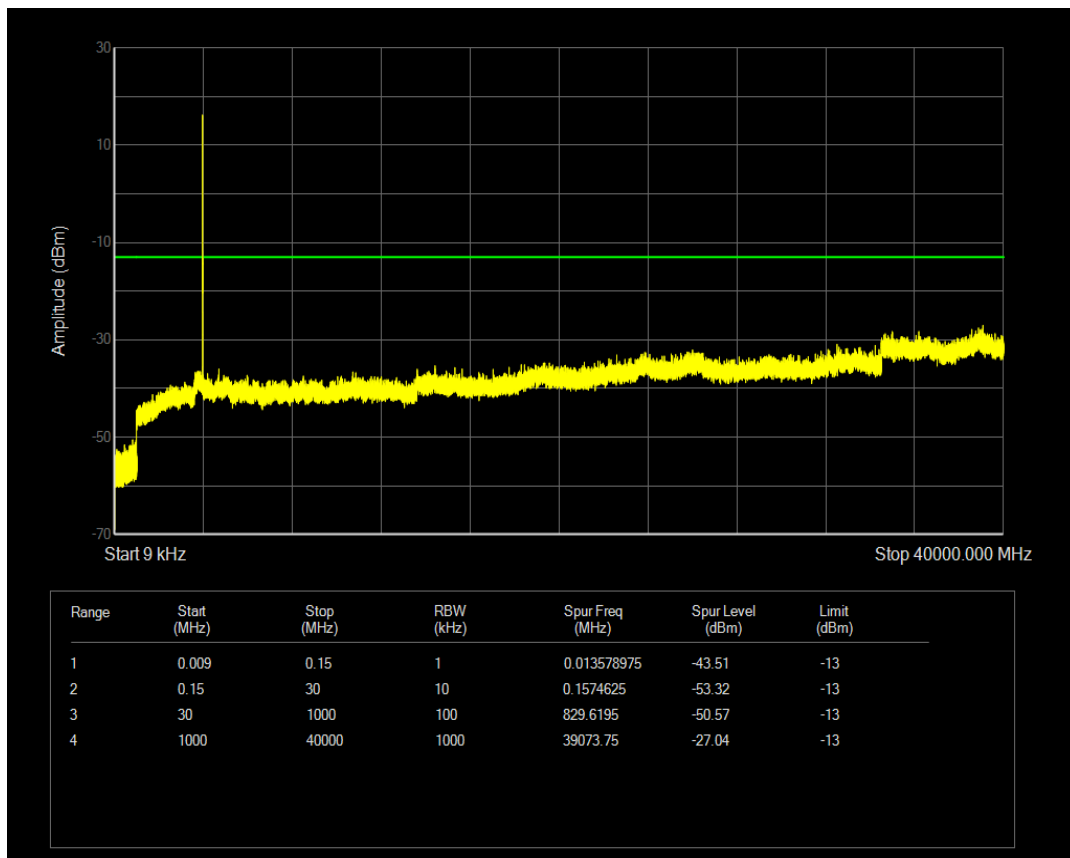
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=1@23*



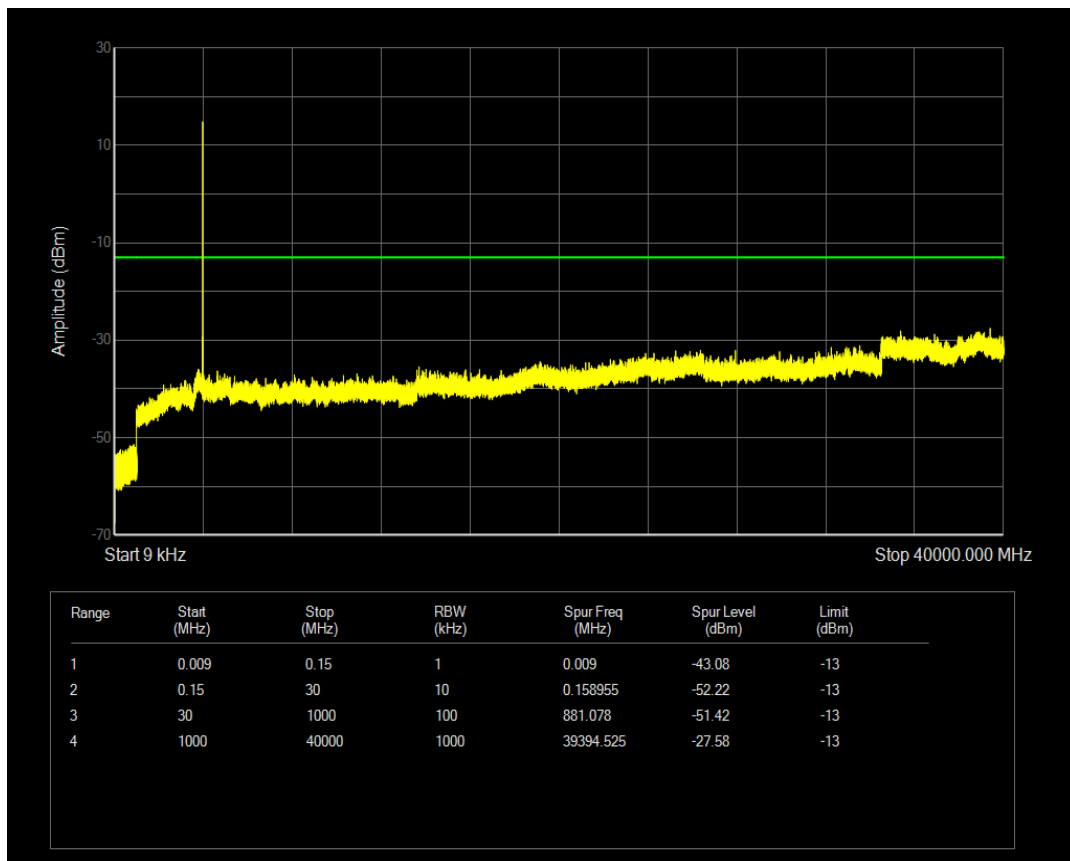
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=647000 RB=24@0*



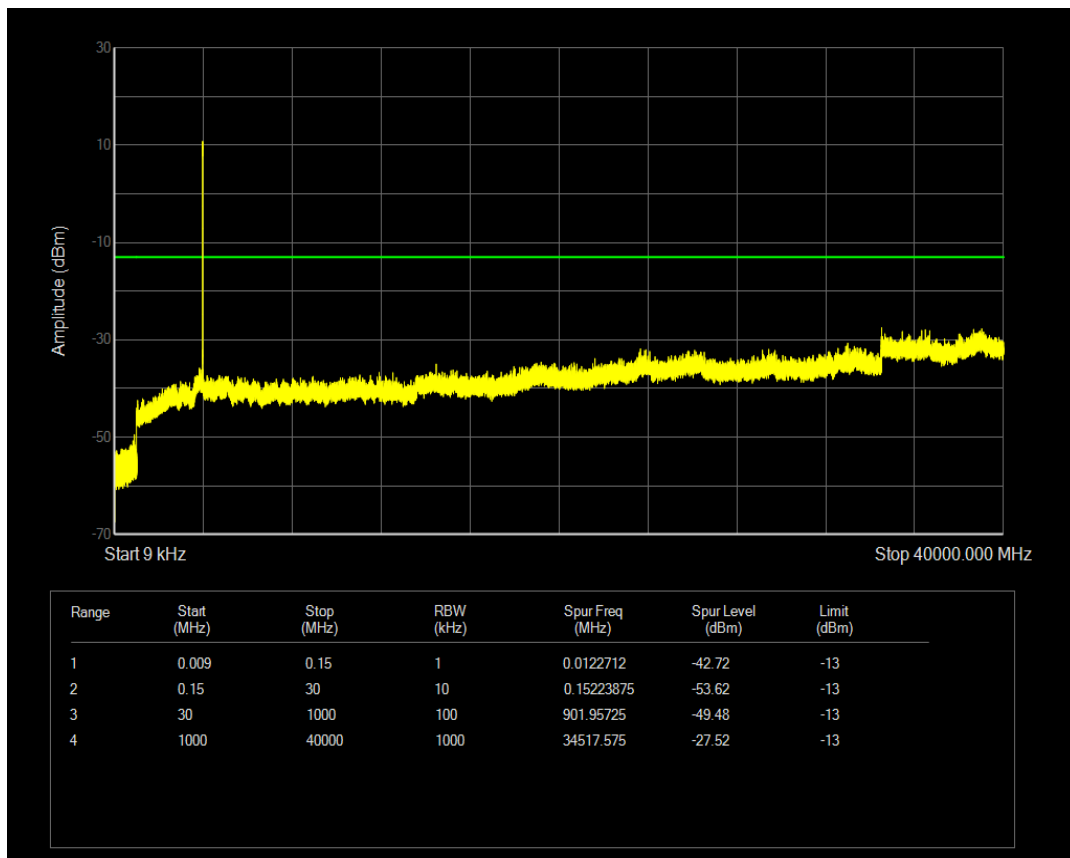
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@0*



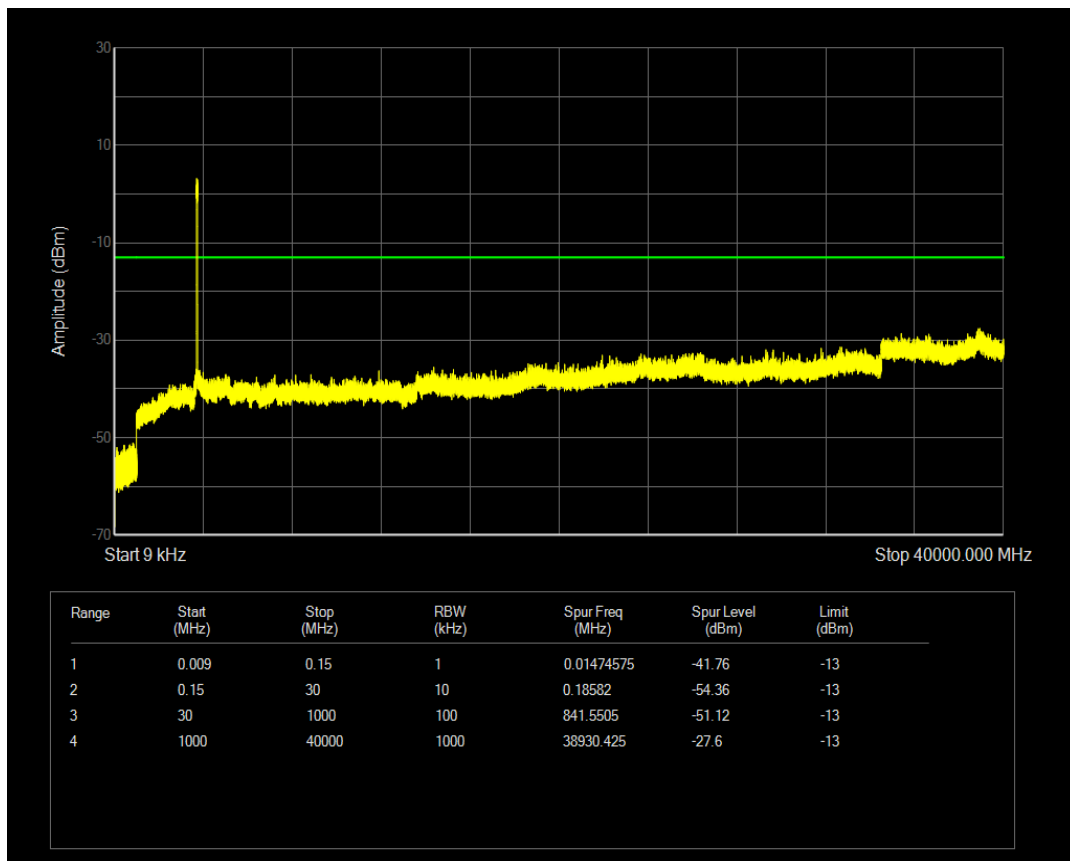
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=1@23*



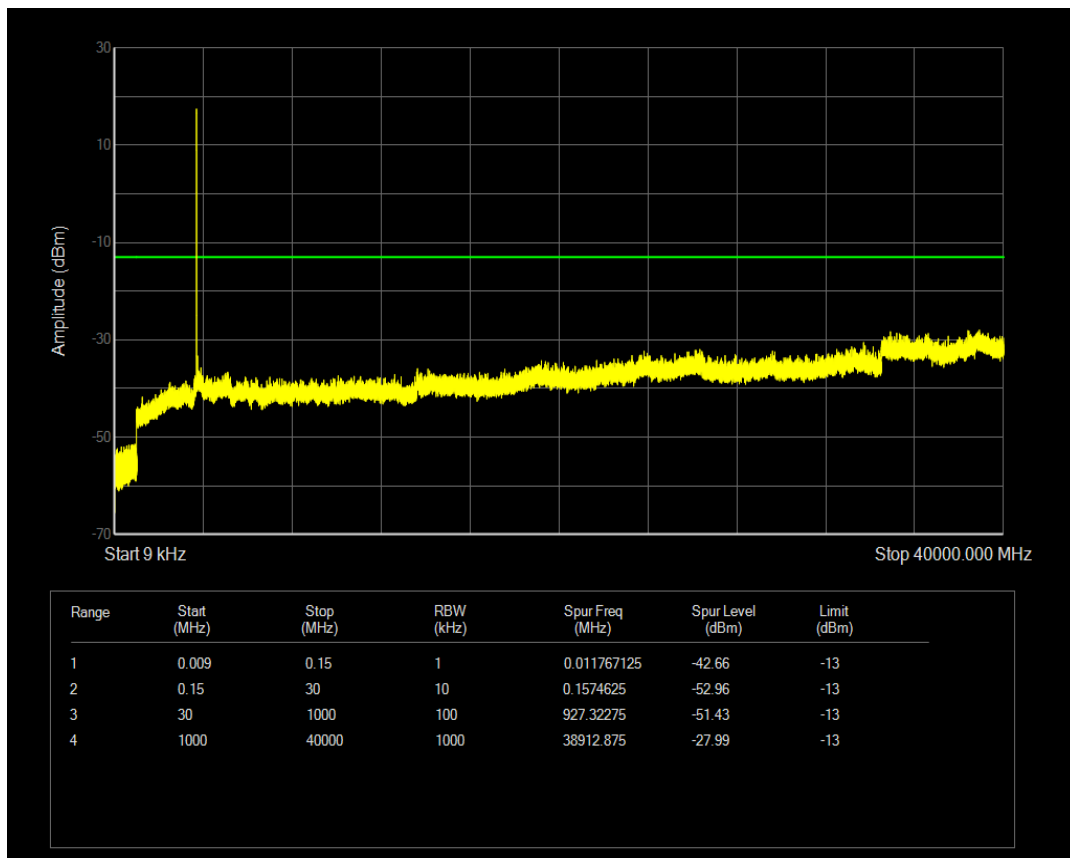
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=24@0*



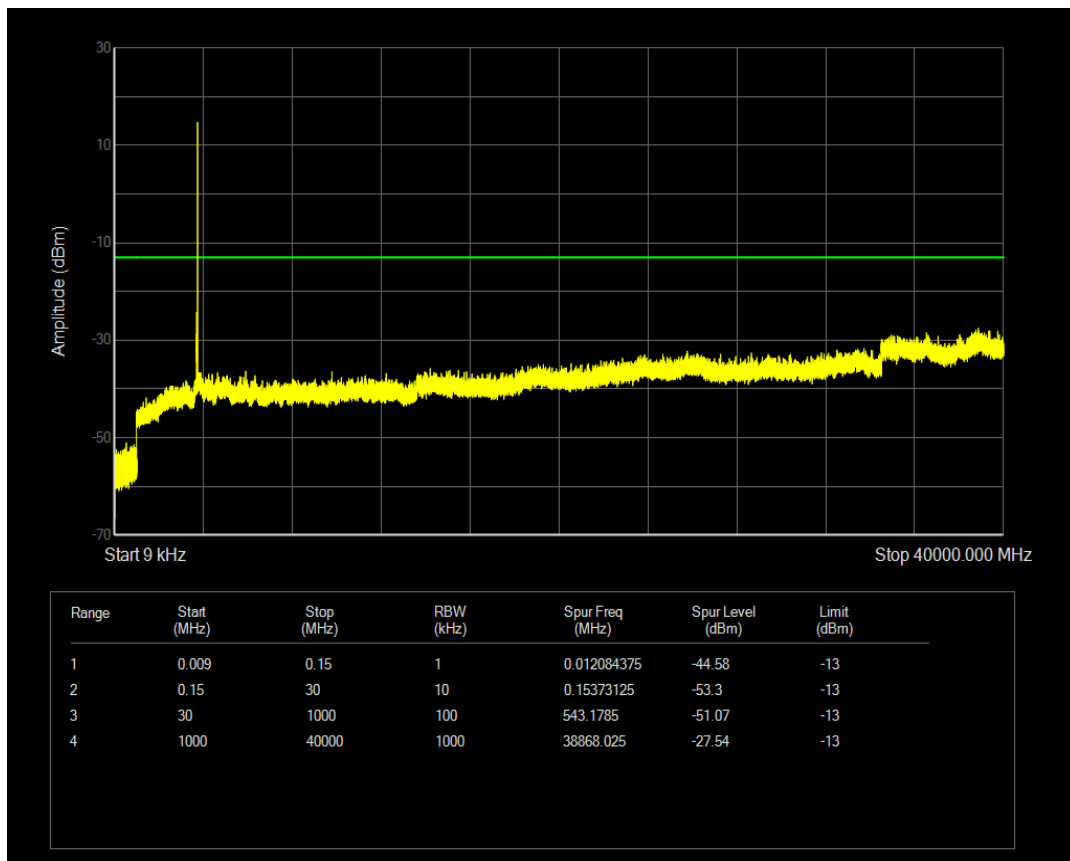
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=133@0*



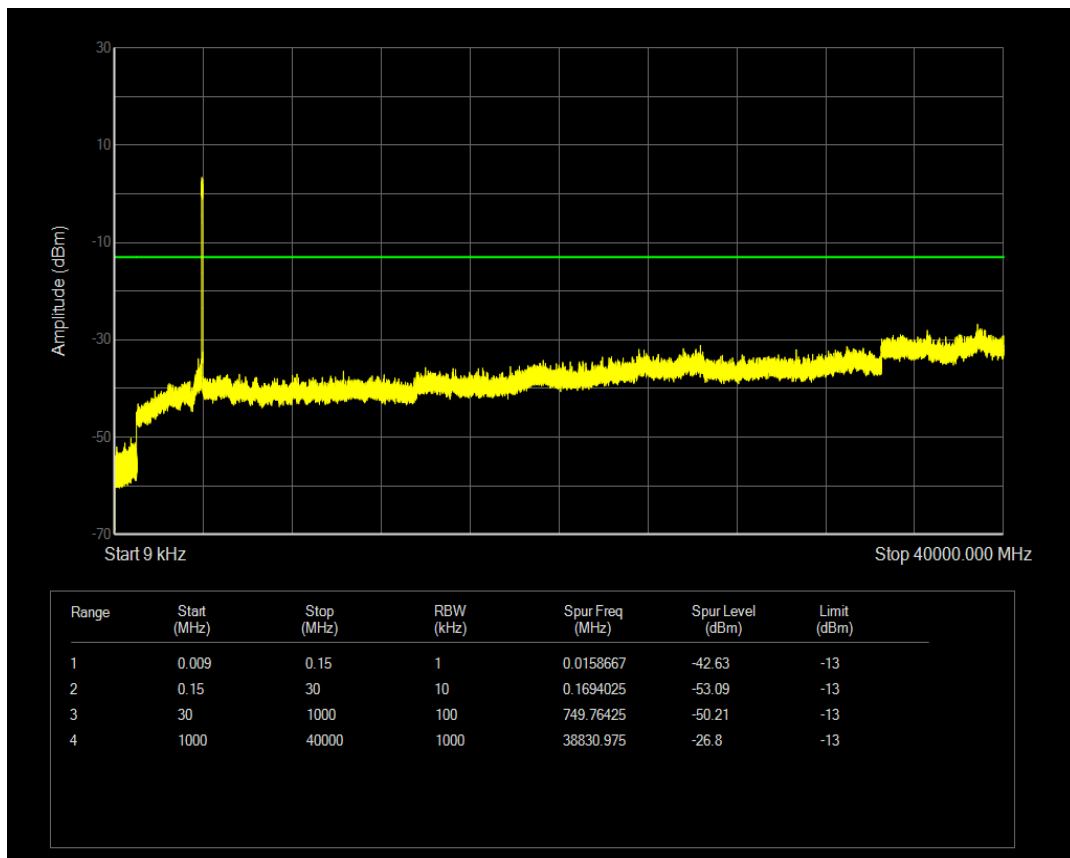
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=1@0*



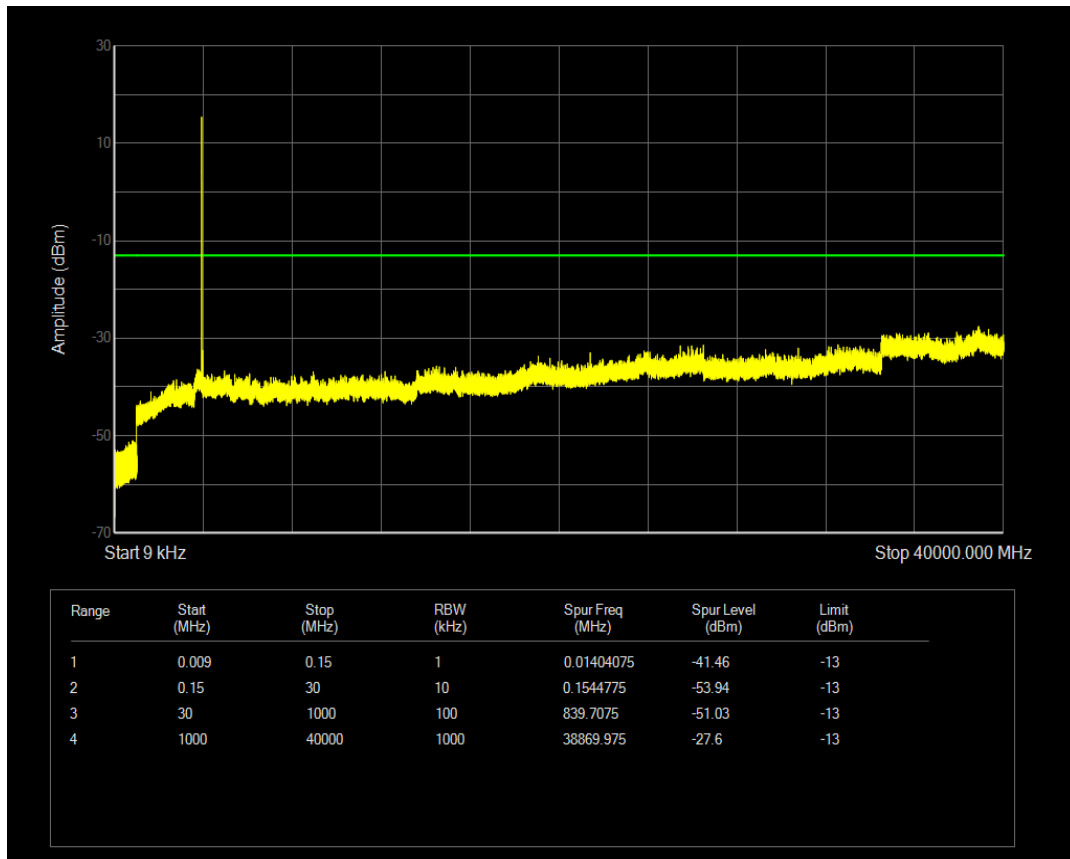
*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=648334 RB=1@132*



*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=133@0*



*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1@0*



*n77(3700-3980) SCS=30kHz CP\_QPSK BW=50MHz Channel=663666 RB=1@132*

